

## **Portable Shielding System**

### ***Abstract***

A portable and modular shielding system having various modular wall components that can be interconnect to form a custom designed wall configuration, wherein the resulting wall provides shielding from radiation at its joints of two adjacent modular wall components as well as along its entire length. The principal modular wall component has a main container being generally rectangular in shape and a connector container being an elongated cylinder having a cross section that is generally circular in shape and being integrally connected to the second end of the main container. The first end of the main container is concave in shape and adapted to correspond to the generally circular shape of the connector container. A shielding wall is formed by interconnecting a connector container of a first modular wall component into a first end of a second modular wall component. The main container and connector container are hollow and are adapted to be filled with a filler material.